

**INSECT SYSTEMATICS & EVOLUTION**  
**SUBJECT ISSUE ON**  
**“PHYLOGENETIC SIGNIFICANCE OF INSECT MALE GENITALIA”**

**Call for Papers**

Among animals with internal fertilization, many species have species-specific male genitalia with morphological divergence among closely related species that is often dramatic and complex. This pattern is especially evident in insects and male genitalia are considered one of the most important and useful species-diagnostic characters in insect systematics. At the same time, male genitalia have been shown to be useful in higher-level classification of many insects. In the age of genomics powered by new technology, novel phylogenetic relationships are constantly being proposed across different insect groups, which presents a unique opportunity to reassess the phylogenetic utility of insect male genitalia.

The main focus of this subject issue is to take a fresh look at the evolution of male genitalia in a phylogenetic framework across major lineages of insects. The subject issue is open for both research and review articles. We particularly welcome manuscripts dealing with those insect orders that recently produced large-scale molecular phylogenetic studies. Main topics include, but are not limited to:

- Homology
- Character evolution
- Conflicts and congruence between morphology and DNA
- Sexual selection
- Functional morphology

Before submission, authors should carefully read over the journal's Author Guidelines [http://www.brill.nl/files/brill.nl/specific/authors\\_instructions/ISE.pdf](http://www.brill.nl/files/brill.nl/specific/authors_instructions/ISE.pdf) and submit a manuscript electronically through the Editorial Manager online submission system at <http://www.editorialmanager.com/ise/> according to the following timeline:

Manuscript Due: **30 April 2012** (page limit per article: none)

Resubmission of revised manuscripts: 1 August 2012

Publication Date: 1 December 2012 (ISE 43/4)

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**About *Insect Systematics & Evolution* Subject Issues**

*Insect Systematics & Evolution* is published by BRILL in four issues per year:

<http://www.brill.nl/insect-systematics-evolution> It has a current (2010) impact factor of 1.0.

From time to time the journal publishes subject issues of topics of general contemporary interest.

The most recent subject issue was “The Cretaceous – The Golden Age of Insect Evolution”:

<http://booksandjournals.brillonline.com/content/1876312x/42/2>